



# ALLIANCE North America

## AIRMAN SDG45S-8E1 GENERATOR

AIRMAN generators are manufactured to the highest quality, consistently delivering the industry's highest return on investment.

Alliance North America, Inc. is committed to supplying the highest quality products with unmatched performance that maintain their value over time.

Delivery of our products is only the beginning of our commitment to our customers. With dedicated Parts and Service, from the first handshake to the last oil change, we are here to keep your AIRMAN making you dollar after dollar.

**Discount  
Equipment**

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### BENEFITS

- Quality—Strong, Durable Construction
- Value—Low Maintenance, High Resale
- Reliability—Minimal Down Time

### FEATURES

- 45kVA Prime Power
- Best in Class Fuel Efficiency
- Isuzu Engine EPA Tier 4 Final



**QUALITY VALUE RELIABILITY**

GENERATOR SPECIFICATIONS		SDG45S-8E1	AMPERAGE			
Type	AIRMAN Generator End	Single Phase 120 V	108 A x 2			
Armature Connection	Star with Neutral/Zig Zag	Single Phase 240 V	108 A			
Number of Poles	4-Pole	Three Phase 208 V	119 A			
Insulation	F-Class	Three Phase 240 V	108 A			
Excitation	Brushless with AVR	Three Phase 480 V	54 A			
Voltage Regulation	+ or - 0.5%	<b>WEIGHTS &amp; DIMENSIONS</b>				
Power Factor	0.8				L x W x H w/o Trailer	82 x 38 x 61 in.
Frequency	60 Hz / 50 Hz				L x W x H with Trailer	144 x 70 x 73 in.
Prime Power	45kVA/36kW				GVWR	5500 lbs.
Standby Power	48.5kVA/38.8.6kW				Trailer Weight	1225
Voltage Single Phase	120 V / 240 V / 277 V (Switchable)				Dry Weight & Operating Weight	3831 lb. / 4599 lbs.
Voltage Three Phase	208 V / 240 V / 416 V 480 V (Switchable)				Sound Level @ 23 Feet (no load & full load)	57 dBA
					Sound Level	64 dBA

ENGINE SPECIFICATIONS	
Engine Model	Isuzu 4LE2X
EPA Emission Level	Tier 4 Final
Engine Type / Cylinders	4-cycle, water-cooled, direct injection turbocharged / 4
Output @ Rated Speed (1800 RPM)	59.0 HP
Governor Type	Electronic
Integral Fuel Tank Capacity	106 gal.
Containment	110%
Lubricating Oil Capacity	3.1 gal.
Coolant Capacity	2.5 gal.
Battery	12 V x 1 12 V System
FUEL CONSUMPTION	
Full Load/ 75% Load/ 50% Load	2.8GPH/ 2.1 GPH/ 1.5 GPH
Run Time @ Full Load	37.8 Hours



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